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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/884,866	06/19/2001	Jeffrey Schaefer	089339-0325 (2001P10811US)	1905
24500	7590	02/09/2004	EXAMINER	
SIEMENS CORPORATION INTELLECTUAL PROPERTY LAW DEPARTMENT 170 WOOD AVENUE SOUTH ISELIN, NJ 08830			ZHOU, TING	
			ART UNIT	PAPER NUMBER
			2173	8

DATE MAILED: 02/09/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/884,866

Applicant(s)

SCHAEFER, JEFFREY

Examiner

Ting Zhou

Art Unit

2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-37 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-37 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 June 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 6.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: .

DETAILED ACTION

Drawings

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: Note reference character “310” on line 22 of page 8.

2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference sign(s) not mentioned in the description: Note reference character “700” in Figure 7.

3. Applicant is required to submit a proposed drawing correction of the above noted deficiencies in reply to this Office action. However, formal correction of the noted defect may be deferred until after the examiner has considered the proposed drawing correction. Failure to timely submit the proposed drawing correction will result in the abandonment of the application.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

4. Claims 1-37 are rejected under 35 U.S.C. 102(e) as being anticipated by Schmier et al. U.S. Patent 6,374,176.

Referring to claims 1, 13 and 26, Schmier et al. teach a configuration tool, method and system comprising a computer having a memory and a processor (column 3, lines 61-65 and column 6, lines 64-67), a database of transit system information (transit data table), the database in communications with the computer (the transit data table and the computer display device are in communication to display information useful to its users, as recited in column 5, lines 13-26), at least one transit information display in communication with the computer over a radio frequency communications link (column 7, lines 4-10) and a program running on the computer, the program configured to define parameters for the at least one transit information display and storing the parameters in the database (parameters such as bus arrival time and route are stored in

the transit data tables and can be displayed to the user, as recited in column 3, lines 61-65 and column 5, lines 13-33).

Referring to claims 2, 16 and 27, Schmier et al. teach enabling a user to add (format) at least one transit information display to the database (the user can interrogate the database to display, format and index information they want to view; therefore, the users can add or delete information from the display), as recited in column 5, lines 13-26.

Referring to claims 3, 17 and 28, Schmier et al. teach enabling a user to delete (format) at least one transit information display from the database (the user can interrogate the database to display, format and index information they want to view; therefore, the users can add or delete information from the display), as recited in column 5, lines 13-26.

Referring to claims 4, 18 and 29, Schmier et al. teach the parameters including a display name parameter (displaying the name of the bus via the transit vehicle identification), as recited in column 3, lines 61-65.

Referring to claims 5, 19 and 30, Schmier et al. teach the parameters including a radio network identification parameter (radio network links exists between the vehicle and the central processor, which keeps track of the identification of all vehicles, and therefore, the identification of all radio networks), as recited in column 9, lines 31-47.

Referring to claims 6, 20 and 31, Schmier et al. teach the parameters including a time point crossing parameter (the time of day when the vehicle will arrive at a selected point, such as a bus stop), as recited in column 5, lines 21-25.

Referring to claims 7, 21 and 32, Schmier et al. teach the parameters including a routes to display parameter (the assigned route identification), as recited in column 3, lines 61-65.

Referring to claims 8, 22 and 33, Schmier et al. teach the parameters including an arrival countdown timer parameter (the display of the number of minutes until the bus arrives), as recited in column 5, lines 21-25.

Referring to claims 9, 23 and 34, Schmier et al. teach the parameters including a direction filter parameter (the route identification of the bus would convey the direction of travel to the user), as recited in column 2, lines 36-46 and column 3, lines 61-65.

Referring to claims 10, 24 and 35, Schmier et al. teach the parameters including a user defined messages parameter, as recited in column 11, lines 8-13.

Referring to claims 11, 25 and 36, Schmier et al. teach the parameters including scheduled messages begin and end time parameters (for example, scheduled display of advertisements for cold drinks on a hot day when the bus vehicle is more than 10 minutes away from the bus stop), as recited in column 5, lines 41-57.

Referring to claims 12 and 37, Schmier et al. teach the transit information displays configured for use in a bus transit system, as recited in column 3, lines 14-19 and column 9, lines 16-20.

Referring to claim 14, Schmier et al. teach starting the configuration program (storing and querying information from the transit data table), as recited in column 3, lines 54-67, column 4, lines 1-5 and column 7, lines 13-20.

Referring to claim 15, Schmier et al. teach displaying bus arrival time information on the transit information display, as recited in column 5, lines 21-25.

5. The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. § 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach similar methods and systems for viewing transit and routing information.

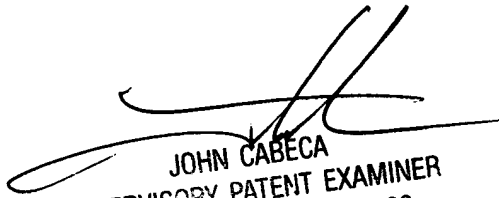
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ting Zhou whose telephone number is (703) 305-0328. The examiner can normally be reached on Monday-Friday 7:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on (703) 308-3116. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

February 2, 2004


JOHN CABECA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100